

10/523253

Attorney's Docket No.: 16601-021US1

DT0 PCT/PTO 26 JAN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Samuel Weiss
Serial No. : Unassigned
Filed : Herewith
Title : OLIGODENDROCYTE PRODUCTION FROM MULTIPOTENT NEURAL
STEM CELL

Art Unit : Unknown
Examiner : Unknown

MAIL STOP PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, the listed U.S. patents are not enclosed under 37 C.F.R. § 1.98(a).

This Information Disclosure Statement is being submitted with the present application. Consequently, no fee is required pursuant to 37 C.F.R. §1.97(b).

By citing the references, Applicants do not acquiesce or admit that any of these documents is "prior art" under 35 U.S.C. Applicants specifically reserve the right, where appropriate, to antedate any of the cited documents by an appropriate showing under 37 C.F.R. §1.131, §1.604, §1.608 or any other suitable means.

CERTIFICATE OF MAILING BY EXPRESS MAIL

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I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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Serial No. : Unassigned
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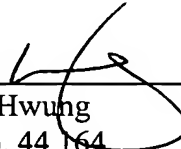
Attorney's Docket No.: 16601-021US1

DT05 Rec'd PCT/PTO 26 JAN 2005

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: Jan. 26, 2005



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Sheet 1 of 2

Docket No. 16601-021US1

Application No.

Unassigned

Substitute Form PTO-1449
(Modified)Department of Commerce
Patent and Trademark Office**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant

Samuel Weiss

Filing Date

Herewith

Group Art Unit

Unknown

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,128,242	07/07/1992	Arimura, et al.			
	AB	5,198,542	03/30/1993	Onda, et al.			
	AC	5,208,320	05/04/1993	Kitada, et al.			
	AD	5,326,860	07/05/1994	Onda, et al.			
	AE	5,547,935	08/20/1996	Mullenbach, et al.			
	AF	5,623,050	04/22/1997	Kitada, et al.			
	AG	5,750,376	05/12/1998	Weiss, et al.			
	AH	5,801,147	09/01/1998	Kitada, et al.			
	AI	5,851,832	12/22/1998	Weiss, et al.			
	AJ	5,955,346	09/21/1999	Wells, et al.			
	AK	5,980,885	11/09/1999	Weiss, et al.			
	AL	6,191,106	02/20/2001	Mullenbach, et al.			
	AM	6,242,563	06/05/2001	Dong			
	AN	6,429,186	08/06/2002	Fuh, et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AO	WO 94/10292	11/05/1994	WIPO				
	AP	WO 96/15226	05/23/1996	WIPO				
	AQ	WO 03/040310	05/15/2003	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AR	Bernichtein, S., et al. (2001). S179D-human PRL, a pseudophosphorylated human PRL analog, is an agonist and not an antagonist. Endocrinology. 142(9):3950-3963.
	AS	Brierley, C.M., et al. (2001). Remyelination of demyelinated CNS axons by transplanted human schwann cells: the deleterious effect of contaminating fibroblasts. Cell Transplant. 10(3):305-315.

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 2

Application No. 26 JAN 2002

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
16601-021US1

Unassigned

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Samuel WeissFiling Date
HerewithGroup Art Unit
Unknown**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AT	DuBois, T.M., and Weiss, S., "Granulocyte Macrophage – Colony Stimulating Factor (GM – CSF) is a Fate Determination and Differentiation Factor for Neural Stem Cell – Generated Oligodendrocyte Precursors (OLPS)." Database BIOSIS 'Online! Biosciences Information Service, Philadelphia, PA, US; 2002 and Society for Neuroscience Abstract Viewer and Itinerary Planner, Vol. 2002, pages Abstract No. 329.12 URL: http://sf,32ndannualmeetingofthesocietyforneuroscience ; Orlando; Florida; USA; November 02-07, 2002.
	AU	Gage, F.H. (2000). Mammalian neural stem cells. Science. 287(5457):1433-1438.
	AV	Kohama, I., et al. (2001). Transplantation of cryopreserved adult human Schwann cells enhances axonal conduction in demyelinated spinal cord. J Neurosci. 21(3):944-950.
	AW	Learish, R.D., et al. (1999). Intraventricular transplantation of oligodendrocyte progenitors into a fetal myelin mutant results in widespread formation of myelin. Ann Neurol. 46(5):716-722.
	AX	McLay, R.N., (1997) Granulocyte-macrophage colony-stimulating factor crosses the blood--brain and blood--spinal cord barriers. Brain. 120 (Pt 11):2083-2091.
	AY	McQualter, J.L., et al. (2001). Granulocyte macrophage colony-stimulating factor: a new putative therapeutic target in multiple sclerosis. J Exp Med. 194(7):873-882.
	AZ	Mehler, M.F., et al. (1995). Cytokines regulate the cellular phenotype of developing neural lineage species. Int J Dev Neurosci. 13(3-4):213-240.
	AAA	Miller, R.H. (2002). Regulation of oligodendrocyte development in the vertebrate CNS. Prog Neurobiol. 67(6):451-467.
	ABB	Ousman, S.S., and David, S. (2001). MIP-1 α , MCP-1, GM-CSF, and TNF- α control the immune cell response that mediates rapid phagocytosis of myelin from the adult mouse spinal cord. J Neurosci. 21(13):4649-4656.
	ACC	Raff, M.C. (1989). Glial cell diversification in the rat optic nerve. Science. 243(4897):1450-1455.
	ADD	Smith, P.M., and Franklin, R.J. (200). The effect of immunosuppressive protocols on spontaneous CNS remyelination following toxin-induced demyelination. J Neuroimmunol. 119(2):261-268.

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)